

1: AA776670. ae80g02.s1 Strata...[gi:2836004] Taxonomy, LinkOut

dbEST Id: 1498348  
EST name: ae80g02.s1  
GenBank Acc: AA776670  
GenBank gi: 2836004

Clone Id: IMAGE:970514 (3')  
Source: IMAGE Consortium, LLNL  
DNA type: cDNA

Sequencing: -40ml3 fwd. ET from Amersham  
PolyA Tail: Unknown

GCCAGGGGCACATCCATTAGTCCCGGACGCATGTTTAGAGATTTGGATGCAGATTTTAGG  
ACACAGTTCTCAGATGTTCTGGATCTTTATCTGGGAACCCATTTTAACTGGATAATTGC  
ACAATGTTTCAGATTTCTCTTCGTAATG

Quality: High quality sequence stops at base: 131

Entry Created: Feb 5 1998  
Last Updated: Feb 5 1998

This clone is available royalty-free through LLNL ; contact the IMAGE Consortium ([info@image.llnl.gov](mailto:info@image.llnl.gov)) for further information.

Possible reversed clone: polyT not found

Lib Name: Stratagene schizo brain S11  
Organism: Homo sapiens  
Sex: male  
Tissue type: schizophrenic brain S-11 frontal lobe  
Develop. stage: 34 years old  
Lab host: SOLR (kanamycin resistant)  
Vector: Bluescript SK-  
R. Site 1: EcoRI  
Description: Library constructed from S-11 frontal lobe, male, 34 years old, 50% caucasian, 50% Aleutian. Schizophrenic suicide. Random primed into EcoRI site of ZAP II Vector. Mass excised. Custom library. Avg insert length 1.4kb. Material obtained by Johnston N., Torrey, E.F., Yolken R., and the Stanley Neuropathology Consortium - Analysis of RNAs from the Brains of Individuals with Psychiatric Diseases (Unpublished) Stanley Neurovirology Laboratory, Johns Hopkins School of Medicine, Baltimore MD.

Name: Wilson RK

Institution: Washington University School of Medicine  
Address: 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108  
Tel: 314 286 1800  
Fax: 314 286 1810  
E-mail: [est@watson.wustl.edu](mailto:est@watson.wustl.edu)

**CITATIONS**

Title: WashU-NCI human EST Project  
Authors: Hillier,L., Allen,M., Bowles,L., Dubuque,T., Geisel,G., Jost  
,S., Krizman,D., Kucaba,T., Lacy,M., Le,N., Lennon,G., Marra  
,M., Martin,J., Moore,B., Schellenberg,K., Steptoe,M., Tan  
,F., Theising,B., White,Y., Wylie,T., Waterston,R., Wilson  
,R.  
Year: 1997  
Status: Unpublished

**MAP DATA**

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Revised: October 24, 2001.

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[NCBI](#) | [NLM](#) | [NIH](#)



CGCTCAGGATACGACTTCGCTAGGATCGGATCCCCGATATTATTATATAGCTCGATCGATC1  
ITCTCTATCCCGGATGGGATATACACACACATCGCGGATAGCATGACTGATCT/  
CCCCATCTTCTCGATACGTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT/  
CACAGACTTACGCTTCTCACTTACTTACTAACCAATTCGGAGAGGGGGGATTCGGAGAG

PubMed	Nucleotide	Protein	Genome	Structure	PopSet	Taxonomy	OMIM	Books
Search <input type="text" value="Nucleotide"/>		for <input type="text"/>		<input type="button" value="Go"/>		<input type="button" value="Clear"/>		
Limits		Preview/Index		History		Clipboard		Details
Display <input type="text" value="default"/>	<input type="button" value="Save"/>		<input type="button" value="Text"/>	<input type="button" value="Add to Clipboard"/>				

☐ 1: AA776169. ae80c02.s1 Strata...[gi:2835503]

[Taxonomy](#), [LinkOut](#)

#### IDENTIFIERS

dbEST Id: 1497847  
EST name: ae80c02.s1  
GenBank Acc: AA776169  
GenBank gi: 2835503

#### CLONE INFO

Clone Id: IMAGE:970466 (3')  
Source: IMAGE Consortium, LLNL  
DNA type: cDNA

#### PRIMERS

Sequencing: -40m13 fwd. ET from Amersham  
PolyA Tail: Unknown

#### SEQUENCE

GCCAGGGGACATCCATTAGTCCCGGACGCATGTTTAGAGATTTGGATGCAGATTTTAGG  
ACACAGTTCTCAGATGTTCTGGATCTTTATCTGGGAACCCATTTTAAACTGGATAATTGC  
ACAATGTTTCAGATTTCTCTTCGTAATGCAGAAATGGCAAAAGTTTCGGAAATTTCTGTCT  
GTTCCAGCATCAGACAGAAATGGTCCAGAA

Quality: High quality sequence stops at base: 206

Entry Created: Feb 5 1998  
Last Updated: Feb 5 1998

#### COMMENTS

This clone is available royalty-free through LLNL ; contact the IMAGE Consortium ([info@image.llnl.gov](mailto:info@image.llnl.gov)) for further information.

Possible reversed clone: polyT not found

#### LIBRARY

Lib Name: Stratagene schizo brain S11  
Organism: Homo sapiens  
Sex: male  
Tissue type: schizophrenic brain S-11 frontal lobe  
Develop. stage: 34 years old  
Lab host: SOLR (kanamycin resistant)  
Vector: Bluescript SK-  
R. Site 1: EcoRI  
Description: Library constructed from S-11 frontal lobe, male, 34 years old, 50% caucasian, 50% Aleutian. Schizophrenic suicide. Random primed into EcoRI site of ZAP II Vector. Mass excised. Custom library. Avg insert length 1.4kb. Material obtained by Johnston N., Torrey, E.F., Yolken R., and the Stanley Neuropathology Consortium - Analysis of RNAs from the Brains of Individuals with Psychiatric Diseases (Unpublished) Stanley Neurovirology Laboratory, Johns Hopkins School of Medicine, Baltimore MD.

#### SUBMITTER

Name: Wilson RK  
Institution: Washington University School of Medicine  
Address: 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108  
Tel: 314 286 1800  
Fax: 314 286 1810  
E-mail: [est@watson.wustl.edu](mailto:est@watson.wustl.edu)

**CITATIONS**

Title: WashU-NCI human EST Project  
Authors: Hillier,L., Allen,M., Bowles,L., Dubuque,T., Geisel,G., Jost  
,S., Krizman,D., Kucaba,T., Lacy,M., Le,N., Lennon,G., Marra  
,M., Martin,J., Moore,B., Schellenberg,K., Steptoe,M., Tan  
,F., Theising,B., White,Y., Wylie,T., Waterston,R., Wilson  
,R.  
Year: 1997  
Status: Unpublished

**MAP DATA**

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**Nucleotide**

PubMed	Nucleotide	Protein	Genome	Structure	PopSet	Taxonomy	OMIM	Books	
Search	Nucleotide	▼	for					Go	Clear
		Limits	Preview/Index		History	Clipboard		Details	
Display	default	▼	Save	Text	Add to Clipboard				

□1: N46342. yy74a10.s1 Soares...[gi:1187508]

Taxonomy, UniSTS, LinkOut

## IDENTIFIERS

dbEST Id: 451871  
EST name: yy74a10.s1  
GenBank Acc: N46342  
GenBank gi: 1187508  
GDB Id: 3897634

## CLONE INFO

Clone Id: IMAGE:279258 (3')  
Source: IMAGE Consortium, LLNL  
DNA type: cDNA

## PRIMERS

Sequencing: m13 -40 forward  
PolyA Tail: Unknown

## SEQUENCE

CATATGTACATTTTCTTTATTAAAAAGTATGGCACTTTATATAACAGCAGAAATAATTAC  
ATGATTTACATCCAGAAGCAATAAAATGTGGAGGTGCAAACATTCTTATTCCCAATAA  
AAGTAAAAAAGTTTCAACATGTTCTGTAAGCCCTTAATTTCGCATAAAGTATATTTAGCA  
TCATTTACAGCCAGTACACTTATATAAACTAATTATCATTACCTTTTACATTCTGCAAAA  
GAAATATGTTAAAGTAAAGAAGCATGGCGGGACAACACTGAATTAATGTTCAGTTCTGTAT  
CATTCATGGGGAAATTTAAAGCCGNTAATTTATAAACTACTAGATAACACAATGATTTTAA  
CAATTTTGTGATTTTAAAGTTAAAAAACTCCACTACATGCCATATTGAAAGAAAAG

Quality: High quality sequence stops at base: 390

Entry Created: Feb 14 1996  
Last Updated: Feb 14 1996

## COMMENTS

This clone is available royalty-free through LLNL ; contact the IMAGE Consortium ([info@image.llnl.gov](mailto:info@image.llnl.gov)) for further information.

## LIBRARY

```

Lib Name:      Soares_multiple_sclerosis_2NbHMSP
Organism:      Homo sapiens
Sex:           male
Tissue type:   multiple sclerosis lesions
Develop. stage: Age 46
Lab host:      DH10B (ampicillin resistant)
Vector:        pT7T3D (Pharmacia) with a modified polylinker V_TYPE:
                phagemid
R. Site 1:     Not I
R. Site 2:     Eco RI
Description:    1st strand cDNA was primed with a Not I - oligo(dT) primer
                [5' TGTTACCAATCTGAAGTGGGAGCGCCGCATTTTTTTTTTTTTTTTTTTTTT 3'],
                double-stranded cDNA was size selected, ligated to Eco RI
                adapters (Pharmacia), digested with Not I and cloned into
                the Not I and Eco RI sites of a modified pT7T3 vector
                (Pharmacia). Library went through one round of normalization

```

to a Cot = 5. Library constructed by Bento Soares and M.Fatima Bonaldo. RNA from 4 multiple sclerosis lesions from one patient was kindly provided by Dr. Kevin G. Becker (NINDS/NIH).

**SUBMITTER**

Name: Wilson RK  
Institution: Washington University School of Medicine  
Address: 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108  
Tel: 314 286 1800  
Fax: 314 286 1810  
E-mail: [est@watson.wustl.edu](mailto:est@watson.wustl.edu)

**CITATIONS**

Title: The WashU-Merck EST Project  
Authors: Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,  
Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M.,  
Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,  
Trevaskis,E., Waterston,R., Williamson,A., Wohldmann,P.,  
Wilson,R.  
Year: 1995  
Status: Unpublished

**MAP DATA**

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Revised: October 24, 2001.

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CGCTCAGGATACGACTTCCTCCCTAGAGGATCGGATCCCCGGGATGATTATATAGCTCGATCGATC1  
 TTCTCTTATCTCGGATGATGGGATATACACACACACGCGGATAGCATGACTGATCTA  
 CCCCACCT  
 CACAGACTCTACGCT

PubMed	Nucleotide	Protein	Genome	Structure	PopSet	Taxonomy	OMIM	Books
Search <input type="text" value="Nucleotide"/>		for <input type="text"/>					<input type="button" value="Go"/>	<input type="button" value="Clear"/>
Limits		Preview/Index		History		Clipboard		Details
Display <input type="text" value="default"/>		<input type="button" value="Save"/>	<input type="button" value="Text"/>	<input type="button" value="Add to Clipboard"/>				

☐ 1: AA954825. oo99d10.s1 NCI\_CG...[gi:3118520]

[Taxonomy](#), [LinkOut](#)

# IDENTIFIERS

**dbEST Id:** 1691151  
**EST name:** oo99d10.s1  
**GenBank Acc:** AA954825  
**GenBank gi:** 3118520

# CLONE INFO

**Clone Id:** IMAGE:1574323 (3')  
**Source:** NCI  
**Insert length:** 2008  
**DNA type:** cDNA

# PRIMERS

**Sequencing:** -40m13 fwd. ET from Amersham  
**PolyA Tail:** Unknown

# SEQUENCE

TTTTCATATGTACATTTTCTCTTTATTTAAAGTATGGCACTTTATATAACAGCAGAAATAA  
 TTACATGATTTTACATCCAGAAGCAATAAAATGTGGAGGTGCAAACATTCCTTATTTCCCA  
 ATAAAAGTAAAAAAGTTTCAACATGTTCTGTAAAGCCCTTAATTGCATAAAGTATATTTA  
 GCATCATTTTACAGCCAGTACACTTATATAAACTAATTATCATTACCTTTTACATTCTGCA  
 AAAGAAATATGTTAAAGTAAAGAAGCATGGCGAGACAAACATGAATTAAATGTCAGTTCT  
 GATCATTTATGTTGTTTAAAGTTAAAGTTAAAGTTAAAGTTAAAGTTAAAGTTAAAGTTAAAGTT  
 AACAAATTTTGTATGTTTAAAGTTAAAGTTAAAGTTAAAGTTAAAGTTAAAGTTAAAGTTAAAGTT  
 AACAAATTTTGTATGTTTAAAGTTAAAGTTAAAGTTAAAGTTAAAGTTAAAGTTAAAGTTAAAGTT

**Quality:** High quality sequence stops at base: 393

**Entry Created:** Apr 22 1998  
**Last Updated:** Jul 7 1998

# COMMENTS

Tissue Procurement: L. Jeffrey Medeiros, M.D., Michael R. Emmert-Buck, M.D., Ph.D.  
 cDNA Library Preparation: Stratagene, Inc.  
 cDNA Library Arrayed by: Greg Lennon, Ph.D.  
 DNA Sequencing by: Washington University Genome Sequencing Center  
 Clone distribution: NCI-CGAP clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at: [www-bio.llnl.gov/bbrp/image/image.html](http://www-bio.llnl.gov/bbrp/image/image.html)

# LIBRARY

**Lib Name:** NCI\_CGAP\_Kid6  
**Organism:** Homo sapiens  
**Sex:** mixed  
**Organ:** kidney  
**Tissue type:** kidney tumor  
**Lab host:** SOLR (kanamycin resistant)  
**Vector:** Bluescript SK-  
**R. Site 1:** EcoRI  
**R. Site 2:** XhoI  
**Description:** Cloned unidirectionally. Primer: Oligo dT. Pooled kidney

tumors. 5' adaptor sequence: 5' GAATTCGGCACGAG 3' 3' adaptor  
sequence: 5' CTCGAGTTTTTTTTTTTTTTTTTTTTTT 3' Average insert  
size: 1.0 kb.

**SUBMITTER**

Name: Robert Strausberg, Ph.D.  
E-mail: [cgapbs-r@mail.nih.gov](mailto:cgapbs-r@mail.nih.gov)

**CITATIONS**

Title: National Cancer Institute, Cancer Genome Anatomy Project  
(CGAP), Tumor Gene Index  
Authors: NCI-CGAP <http://www.ncbi.nlm.nih.gov/ncicgap>  
Year: 1997  
Status: Unpublished

**MAP DATA**

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Revised: October 24, 2001.

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**Nucleotide**

PubMed	Nucleotide	Protein	Genome	Structure	PopSet	Taxonomy	OMIM	Books
Search <u>Nucleotide</u> ▼ for _____							Go	Clear
Limits		Preview/Index		History		Clipboard		Details
Display	<u>default</u> ▼	Save	Text	Add to Clipboard				

1: AA683013. ae81b08.s1 Strata...[gi:2668904]

## Taxonomy, LinkOut

## IDENTIFIERS

dbEST Id: 1388453  
EST name: ae81b08.s1  
GenBank Acc: AA683013  
GenBank gi: 2668904

## CLONE INFO

Clone Id: IMAGE:970551 (3')  
Source: IMAGE Consortium, LNL  
DNA type: cDNA

## PRIMERS

Sequencing: -40ml3 fwd. ET from Amersham  
PolyA Tail: Unknown

## SEQUENCE

GAGACAAACATGAATTAATGTCAGTTCTGATCATTCATGGGGAAATATAAGCCGATAAT  
TATAAACTACTAGATAACACAATGATTTTAAACAATTTTGATGTTTTTAAAGTTAAAAAA  
ACTCCACTACATGCCATATTGAAAGAAAAGGTTGTTTTTTTTTTAACTGCAGCACCTTTA  
GACAACAAAAGATTGCATCCTGTTCAACCACACTATATAAAATTATAACATTTGTGGAAAA  
TAGTGTACACACAAAACATAAAGCAAGTGTCTAACAGTTAATAAATGTTGTCTTGGCAAGC  
ATGTTCCAGAAACAATACTAACAACCTGGTAATAAGAACTGCCACCATTTTGAGTTTTCCG  
TTGCTATC

Quality: High quality sequence stops at base: 358

Entry Created: Dec 8 1997  
Last Updated: Dec 15 1997

### COMMENTS

This clone is available royalty-free through LLNL ; contact the IMAGE Consortium ([info@image.llnl.gov](mailto:info@image.llnl.gov)) for further information.

Possible reversed clone: polyT not found

## LIBRARY

Lib Name: Stratagene schizo brain S11  
Organism: Homo sapiens  
Sex: male  
Tissue type: schizophrenic brain S-11 frontal lobe  
Develop. stage: 34 years old  
Lab host: SOLR (kanamycin resistant)  
Vector: Bluescript SK-  
R. Site 1: EcoRI  
Description: Library constructed from S-11 frontal lobe, male, 34 years old, 50% caucasian, 50% Aleutian. Schizophrenic suicide. Random primed into EcoRI site of ZAP II Vector. Mass excised. Custom library. Avg insert length 1.4kb. Material obtained by Johnston N., Torrey, E.F., Yolken R., and the Stanley Neuropathology Consortium - Analysis of RNAs from the Brains of Individuals with Psychiatric Diseases (Unpublished) Stanley Neurovirology Laboratory, Johns

Hopkins School of Medicine, Baltimore MD.

**SUBMITTER**

Name: Wilson RK  
Institution: Washington University School of Medicine  
Address: 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108  
Tel: 314 286 1800  
Fax: 314 286 1810  
E-mail: [est@watson.wustl.edu](mailto:est@watson.wustl.edu)

**CITATIONS**

Title: WashU-NCI human EST Project  
Authors: Hillier, L., Allen, M., Bowles, L., Dubuque, T., Geisel, G., Jost, S., Krizman, D., Kucaba, T., Lacy, M., Le, N., Lennon, G., Marra, M., Martin, J., Moore, B., Schellenberg, K., Steptoe, M., Tan, F., Theising, B., White, Y., Wylie, T., Waterston, R., Wilson, R.  
Year: 1997  
Status: Unpublished

**MAP DATA**

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Revised: October 24, 2001.

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CGCTCAGGATACGACTTCGCTAGGATCGGATCCCGGATATTATTATATAGCTGATCGATC1  
TTCTCTATATGCGGATATGCTATATACACACACATCGCGGATAGCAGTACTGATCTA  
CCCCATCTTTCGCTAGGTCT  
CAGACACTTACGCTCTCCTACTTACTTAACCAATTCGGAGAGGCGGCGGCGGATGCGGAG

PubMed	Nucleotide	Protein	Genome	Structure	PopSet	Taxonomy	OMIM	Books
Search <input type="text" value="Nucleotide"/>		for <input type="text"/>		Go		Clear		
Limits		Preview/Index		History		Clipboard		Details
Display	<input type="text" value="default"/>	Save	Text	Add to Clipboard				

☐ 1: AI217518.qh20g08.x1 Soares...[gi:3797333]

Taxonomy, LinkOut

#### IDENTIFIERS

dbEST Id: 1988484  
EST name: qh20g08.x1  
GenBank Acc: AI217518  
GenBank gi: 3797333

#### CLONE INFO

Clone Id: IMAGE:1845278 (3')  
Source: NCI  
Insert length: 1085  
DNA type: cDNA

#### PRIMERS

Sequencing: -40UP from Gibco  
PolyA Tail: Unknown

#### SEQUENCE

ATGATTTTCATATGTACATGTTTCCTTTATTAAAAAGTATGGCACTTTATATAACAGCAGAAA  
TAATTACATGATTTTCACATCCAGAAGCAATAAAATGTGGAGGTGCAAACATTCCTTATTC  
CCAATAAAAAGTAAAAAAGTTTCAACATGTTCTGTAAGCCCTTAATTGCATAAAGTATAT  
TTAGCATCATTTACAGCCAGTACACTTATATAAACTAATTATCATTACCTTTTACATTCT  
GCAAAAAGAAATATGTTAAAGTAAAGAAGCATGGCGAGACAAACATGAATTTAAATGTCAGT  
TCTGATCATTCATGGGGAAATATAAGCCGATAATTATAAACTACTAGATAACACAATGAT  
TTTAACAATTTTGTATGTTTTTAAAGTTAAAAAACTCCACTACATGCCATATTGAAAGA  
AAAGGTTGGTTTTTTTTTTAACTGCAGCACCTTTAGACAACAAAAGATT

Quality: High quality sequence stops at base: 456

Entry Created: Oct 26 1998

Last Updated: Mar 17 1999

#### COMMENTS

This clone is available royalty-free through LLNL ; contact the IMAGE Consortium ([info@image.llnl.gov](mailto:info@image.llnl.gov)) for further information.

#### LIBRARY

Lib Name: Soares\_NFL\_T\_GBC\_S1  
Organism: Homo sapiens  
Organ: pooled  
Lab host: DH10B  
Vector: pT7T3D-Pac (Pharmacia) with a modified polylinker  
R. Site 1: Not I  
R. Site 2: Eco RI  
Description: Equal amounts of plasmid DNA from three normalized libraries (fetal lung NbHL19W, testis NHT, and B-cell NCI\_CGAP\_GCB1) were mixed, and ss circles were made in vitro. Following HAP purification, this DNA was used as tracer in a subtractive hybridization reaction. The driver was PCR-amplified cDNAs from pools of 5,000 clones made from the same 3 libraries. The pools consisted of I.M.A.G.E. clones 297480-302087, 682632-687239, 726408-728711, and 729096-731399. Subtraction

by Bento Soares and M. Fatima Bonaldo.

**SUBMITTER**

Name: Robert Strausberg, Ph.D.  
E-mail: [cgapbs-r@mail.nih.gov](mailto:cgapbs-r@mail.nih.gov)

**CITATIONS**

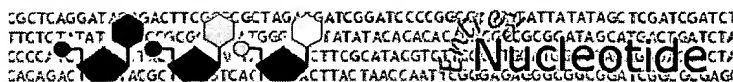
Title: National Cancer Institute, Cancer Genome Anatomy Project  
(CGAP), Tumor Gene Index  
Authors: NCI-CGAP <http://www.ncbi.nlm.nih.gov/ncicgap>  
Year: 1997  
Status: Unpublished

**MAP DATA**

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Revised: October 24, 2001.

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[NCBI](#) | [NLM](#) | [NIH](#)



PubMed	Nucleotide	Protein	Genome	Structure	PopSet	Taxonomy	OMIM	Books
Search	Nucleotide	▼	for				Go	Clear
		Limits	Preview/Index	History	Clipboard		Details	
Display	default	▼	Save	Text	Add to Clipboard			

□1: AI932370. wd27e11.x1 Soares...[gi:5671107]

Taxonomy, LinkOut

## IDENTIFIERS

dbEST Id: 3054956  
EST name: wd27e11.x1  
GenBank Acc: AI932370  
GenBank qi: 5671107

### CLONE INFO

Clone Id: IMAGE:2329388 (3')  
Source: NCI  
Insert length: 982  
DNA type: cDNA

## PRIMERS

Sequencing: -40UP from Gibco  
PolyA Tail: Unknown

## SEQUENCE

CATATGTACANNNTTCNNTATTAAAAAGTATGGCACTTTATATAACAGCAGAAATAATTAC  
ATGATTTTCACATCCAGAAGCAATAAAATGTGGAGGTGCAAACATTCTTTATTCCCAATAA  
AAGTAAAAAAGTTTCAACATGTTCTGTAAAGCCCTTAATTGCATAAAGTATATTTAGCATC  
ATTTACAGCCAGTACACTTATATAAACTAATTATCATTACCTTTTACATTCTGCAAAAGA  
AATATGTTTAAAGTAAAGAAGCATGGCGAGACAAACATGAATTAAATGTGAGTTCTGATCA  
TTCATGGGGAAAATATAAGCCGATAATTATAAACTACTAGATAACACAATGATTTTTAACAA  
TTTTTGATGTTTTTAAAGTTAAAAAACTCCACTACATGCCATATTGAAAGAAAAGGTTG  
TTTTTTTTTTAACTGCAGCACCTTTAGACAACAAAAGATTGCATCCTGTTCAACCACACT  
ATATAAATTATAACATTTGTGGAAAATATGTACACACAAACATAAAGCAAGTGTTCTAAC  
AGT

Quality: High quality sequence stops at base: 455

Entry Created: Aug 2 1999  
Last Updated: Dec 17 1999

## COMMENTS

This clone is available royalty-free through LLNL ; contact the IMAGE Consortium ([info@image.llnl.gov](mailto:info@image.llnl.gov)) for further information.

## LIBRARY

```

Lib Name:      Soares_NFL_T_GBC_S1
Organism:      Homo sapiens
Organ:         pooled
Lab host:      DH10B
Vector:        pT7T3D-Pac (Pharmacia) with a modified polylinker
R. Site 1:     Not I
R. Site 2:     Eco RI
Description:    Equal amounts of plasmid DNA from three normalized libraries
                (fetal lung NbHL19W, testis NHT, and B-cell NCI_CGAP_GCB1)
                were mixed, and ss circles were made in vitro. Following HAP
                purification, this DNA was used as tracer in a subtractive
                hybridization reaction. The driver was PCR-amplified cDNAs
                from pools of 5,000 clones made from the same 3 libraries.

```

The pools consisted of I.M.A.G.E. clones 297480-302087, 682632-687239, 726408-728711, and 729096-731399. Subtraction by Bento Soares and M. Fatima Bonaldo.

**SUBMITTER**

Name: Robert Strausberg, Ph.D.  
E-mail: [cgapbs-r@mail.nih.gov](mailto:cgapbs-r@mail.nih.gov)

**CITATIONS**

Title: National Cancer Institute, Cancer Genome Anatomy Project (CGAP), Tumor Gene Index  
Authors: NCI-CGAP <http://www.ncbi.nlm.nih.gov/ncicgap>  
Year: 1997  
Status: Unpublished

**MAP DATA**

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Revised: October 24, 2001.

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CGCTCAGGATACGACTTCGCGCTAGAGATCGGATCCCCGGGATATTATATAGCTCGATCGATC1  
TTCTCTATCTCGCGATGGGATATACACACACACCGCGGATAGCATGACTGATCTA  
CGCCATCTTACCTTCGTCATCTTTCGCATACGCTCTTCTCTCTCTCTCTCTCTCTCTCTCTCTA  
CAGAGACTACGCTA

Nucleotide

PubMed	Nucleotide	Protein	Genome	Structure	PopSet	Taxonomy	OMIM	Books
Search		Nucleotide	for		Go		Clear	
Limits		Preview/Index		History		Clipboard		Details
Display	default	Save	Text	Add to Clipboard				

1: BF438152. 7q67f12.x1 NCI\_CG...[gi:11450669]

Taxonomy, LinkOut

## IDENTIFIERS

dbEST Id: 6899230  
EST name: 7q67f12.x1  
GenBank Acc: BF438152  
GenBank gi: 11450669

## CLONE INFO

Clone Id: IMAGE:3703462 (3')  
Source: NCI  
DNA type: cDNA

## PRIMERS

Sequencing: -40UP from Gibco  
PolyA Tail: Unknown

## SEQUENCE

TTTGATTCCATATGTACATTTTCCTTTATTAAAAAGTATGGCACTTTATATAACAGCAGAA  
ATAATTACATGATTTACATCCAGAAGCAATAAAATGTGGAGGTGCAAACATTCCTTATT  
CCCAATAAAAAGTAAAAAAGTTTCAACATGTTCTGTAAGCCCTTAATTGCATAAAGTATA  
TTAGCATCATTTACAGCCAGTACACTTATATAAACTAATTATCATTACCTTTTACATTC  
TGCAAAAGAAATATGTTAAAGTAAAGAAGCATGGCGAGACAAACATGAATTAAATGTCAG  
TTCTGATCATTCATGGGGAAATATAAGCCGATAATTATAAACTACTAGATAACACAATGA  
TTTAACAATTTTGTATGTTTTTAAAGTTAAAAAACTCCACTACATGCCATATTGAAAG  
AAAAGGTTGTTTTTTTTTAACTGCAGCACCTTTAGACAACAAAAGATTGCATCCTGTT  
CAACCACACTATATAAATTATAACATTTGTGGAAAATATGTACACACAAACATAAA

Quality: High quality sequence stops at base: 481

Entry Created: Nov 29 2000

Last Updated: Mar 30 2001

## COMMENTS

Tissue Procurement: Christopher Moskaluk, M.D., Ph.D.,  
Michael R. Emmert-Buck, M.D., Ph.D.  
cDNA Library Preparation: M. Bento Soares, Ph.D.  
cDNA Library Arrayed by: Greg Lennon, Ph.D.  
DNA Sequencing by: Washington University Genome Sequencing  
Center  
Clone distribution: NCI-CGAP clone distribution information  
can be found through the I.M.A.G.E. Consortium/LLNL, send  
email to: [info@image.llnl.gov](mailto:info@image.llnl.gov)

## LIBRARY

Lib Name: NCI\_CGAP\_Lu24  
Organism: Homo sapiens  
Organ: lung  
Tissue type: carcinoid  
Lab host: DH10B  
Vector: pT7T3D-Pac (Pharmacia) with a modified polylinker  
Description: Plasmid DNA from the normalized library NCI\_CGAP\_Lu5 was  
prepared, and ss circles were made in vitro. Following HAP  
purification, this DNA was used as tracer in a subtractive

hybridization reaction. The driver was PCR-amplified cDNAs from a pool of 5,000 clones made from the same library (cloneIDs 1414920-1417991 and 1520904-1522439). Subtraction by Bento Soares and M. Fatima Bonaldo.

**SUBMITTER**

Name: Robert Strausberg, Ph.D.  
E-mail: [cgapbs-r@mail.nih.gov](mailto:cgapbs-r@mail.nih.gov)

**CITATIONS**

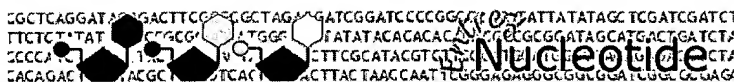
Title: National Cancer Institute, Cancer Genome Anatomy Project (CGAP), Tumor Gene Index  
Authors: NCI-CGAP <http://www.ncbi.nlm.nih.gov/ncicgap>  
Year: 1997  
Status: Unpublished

**MAP DATA**

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Revised: October 24, 2001.

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1: AI803488. tc17g02.x1 Soares...[gi:5368882] Taxonomy, LinkOut

## 6/3/02 7:56 AM

same 3 libraries. The pools consisted of I.M.A.G.E. clones  
260232-265223, 340488-345479, and 484488-489479.

**SUBMITTER**

Name: Robert Strausberg, Ph.D.  
E-mail: [cgapbs-r@mail.nih.gov](mailto:cgapbs-r@mail.nih.gov)

**CITATIONS**

Title: National Cancer Institute, Cancer Genome Anatomy Project  
(CGAP), Tumor Gene Index  
Authors: NCI-CGAP <http://www.ncbi.nlm.nih.gov/ncicgap>  
Year: 1997  
Status: Unpublished

**MAP DATA**

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CGCTCAGGATACGACTTCCTGCTAGGATCGGATCCCCGCTATTATTATATAGCTGATCGATC1  
TTCTCTATATCTGCGGATGCTGCTATATACACACACATCTGCGGATAGCATGACTGATCT1  
CCCCCT1  
CACAGACT1

Nucleotide

PubMed	Nucleotide	Protein	Genome	Structure	PopSet	Taxonomy	OMIM	Books
Search <input type="text" value="Nucleotide"/>		for <input type="text"/>		<input type="button" value="Go"/>		<input type="button" value="Clear"/>		
Limits		Preview/Index		History		Clipboard		Details
Display <input type="text" value="default"/>		<input type="button" value="Save"/>		<input type="button" value="Text"/>		<input type="button" value="Add to Clipboard"/>		

1: BE856736. 7f68a06.x1 Soares...[gi:10370063]

Taxonomy, LinkOut

## IDENTIFIERS

dbEST Id: 6184715  
EST name: 7f68a06.x1  
GenBank Acc: BE856736  
GenBank gi: 10370063

## CLONE INFO

Clone Id: IMAGE:3299794 (3')  
Source: NCI  
DNA type: cDNA

## PRIMERS

Sequencing: -40UP from Gibco  
PolyA Tail: Unknown

## SEQUENCE

TTTTATGATTGCATATGTACATTTTCCTTTATTAAAAAGTATGGCACTTTATATAACAGCA  
GAAATAATTACATGATTTTCACATCCAGAAGCAATAAAATGTGGAGGTGCAAACATTCCTT  
ATTCCCAATAAAAAGTAAAAAAGTTTCAACATGTTCTGTAAGCCCTTAATTGCATAAAGT  
ATATTTAGCATCATTTACAGCCAGTACACTTATATAAACTAATTATCATTACCTTTTACA  
TTCTGCAAAAGAAATATGTTAAAGTAAAGAAGCATGGCGAGACAAACATGAATTAAATGT  
CAGTTCTGATCATTCATGGGGAAATATAAGCCGATAATTATAAACTACTAGATAACACAA  
TGATTTTAACAATTTTGTATGTTTTTAAAGTTAAAAAACTCCACTACATGCCATATTGA  
AAGAAAAGGTTGTTTTTTTTTTTAACTGCAGCACCTTTAGACAACAAAAGATTGCATCCT  
GTTCAACCACACTATATAAAATTATAACATTTGTGAAAATATGTACACACACACAT

Quality: High quality sequence stops at base: 448

Entry Created: Sep 27 2000

Last Updated: Sep 29 2000

## COMMENTS

This clone is available royalty-free through LLNL ; contact the IMAGE Consortium ([info@image.llnl.gov](mailto:info@image.llnl.gov)) for further information.

## LIBRARY

Lib Name: Soares\_NSF\_F8\_9W\_OT\_PA\_P\_S1  
Organism: Homo sapiens  
Organ: pooled  
Lab host: DH10B  
Vector: pT7T3D-Pac (Pharmacia) with a modified polylinker  
R. Site 1: Not I  
R. Site 2: Eco RI  
Description: Equal amounts of plasmid DNA from five normalized libraries were mixed, and ss circles were made in vitro. Following HAP purification, this DNA was used as tracer in a subtractive hybridization reaction. The driver was PCR-amplified cDNAs from pools of 5,000 clones made from the same 5 libraries. The pools consisted of the following libraries and cloneIDs: Soares NbHSF pool 1: 309384-310919, 323208-325895 Soares Nb2HP pool 1: 145032-147335, 147720-148103, 148872-149255,

15002 - 150407, 151176-152327 Soares Nb2HF8-9W pool 1:  
758280-760583, 772104-774407 Soares NbHPA pool 1:  
304776-306311, 320136-322823, 326280-326663 Soares NbHOT  
pool 1: 723720-726407, 739080-740999 Subtraction by Bento  
Soares and M. Fatima Bonaldo.

**SUBMITTER**

Name: Robert Strausberg, Ph.D.  
E-mail: [cgapbs-r@mail.nih.gov](mailto:cgapbs-r@mail.nih.gov)

**CITATIONS**

Title: National Cancer Institute, Cancer Genome Anatomy Project  
(CGAP), Tumor Gene Index  
Authors: NCI-CGAP <http://www.ncbi.nlm.nih.gov/ncicgap>  
Year: 1997  
Status: Unpublished

**MAP DATA**

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Revised: October 24, 2001.

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